

Application Serial No. 10/691,930

CLAIMS

1. cancelled
- 5 2. cancelled
3. cancelled
- 10 4. (Original) The apparatus of Claim ~~[[2]]~~ 8, wherein said means for generating said interpolated image further comprises:
means for displacing each of said pixels in said image pixel arrays by a partial displacement in at least a first dimension.
- 15 5. (currently amended) The apparatus of Claim ~~[[3]]~~ 8, wherein said means for combining said interpolated images is further comprised of:
means for combining corresponding pixels in said at least a second dimension to create said composite image pixel;
wherein a sum of said partial displacements of said images is approximately equal to said displacement.
- 20 6. (Original) The apparatus of Claim ~~[[2]]~~ 8, further comprising:
means for applying a rectifying transformation to said image.
- 25 7. (currently amended) The apparatus of Claim ~~[[2]]~~ 8, further comprising:
means for warping said image by said partial displacement to modify said image.
- 30 8. (new) An apparatus that conveys eye contact with a conference participant, comprising:
means for generating a composite image of said participant receiving at least two images of said participant;

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- wherein each image is comprised of a two-dimensional array of pixels ;
wherein said means for generating said composite image is comprised of:
means for calculating at least one dense correspondence to determine a
displacement in at least a first dimension for each of said pixels in at least one
5 first of said images;
means for generating an interpolated image based upon said at least one
dense correspondence for each of said at least two images; and
means for combining at least two of said interpolated images by using an
averaging scheme to create said composite image.